

Appendix A

Element	Fe	Mn	Cr	Co	V	Mo	Al	Zr	Sn	Ti	Sum
Atomic mass	55.845	54.938	51.996	58.933	50.942	95.96	26.982	91.224	118.71	47.867	100.0%
Example according to claim 3 in Atom-%	2.5%	3.5%	5.5%	2.0%	7.5%	2.0%	5.5%	-	-	71.5%	100.0%
Atomic-mass content of the alloy	1,396,125	1,922,83	2,859,78	1,178,66	3,820,65	1,919,2	1,484,01	-	-	34,224,905	48,806,16
Example according to claim 3 Weight-%	2.86%	3.94%	5.86%	2.41%	7.83%	3.93%	3.04%	-	-	70.12%	100.0%
Alloy 1 of Table 1 in Weight-%	2.05%	-	-	-	1.97%	4.11%	-	-	-	91.87%	100.0%

Table	Alloy	Fe	Mn	Cr	Co	V	Mo	Al	Zr	Sn	Ti	Sum
1	Atom-%	1.80%	-	-	-	1.90%	2.10%	-	-	94.20%	100.00%	100.00%
	Weight-%	2.05%	-	-	-	1.97%	4.11%	-	-	91.87%	100.00%	100.00%
2	Atom-%	7.20%	-	-	-	7.80%	3.10%	-	-	-	81.80%	100.00%
	Weight-%	8.01%	-	-	-	8.02%	5.93%	-	-	-	78.04%	100.00%
3	Atom-%	-	6.50%	-	-	8.10%	3.20%	-	-	1.70%	80.50%	100.00%
	Weight-%	-	6.96%	-	-	8.04%	5.98%	-	-	3.93%	75.09%	100.00%
4	Atom-%	-	4.40%	-	-	7.80%	2.00%	5.40%	-	-	80.60%	100.00%
	Weight-%	-	5.01%	-	-	8.02%	3.98%	3.02%	-	-	79.97%	100.00%
5	Atom-%	2.60%	-	-	-	7.60%	3.10%	5.40%	-	-	81.30%	100.00%
	Weight-%	2.98%	-	-	-	7.95%	6.11%	2.99%	-	-	79.98%	100.00%
6	Atom-%	-	-	5.60%	-	7.70%	3.10%	5.40%	-	-	78.20%	100.00%
	Weight-%	-	-	5.98%	-	8.05%	6.11%	2.99%	-	-	76.87%	100.00%
7	Atom-%	-	3.50%	-	-	7.60%	3.10%	5.40%	-	-	80.40%	100.00%
	Weight-%	-	3.95%	-	-	7.95%	6.11%	2.99%	-	-	79.01%	100.00%
8	Atom-%	4.50%	-	-	-	7.80%	2.10%	5.50%	3.30%	-	76.80%	100.00%
	Weight-%	5.05%	-	-	-	7.99%	4.05%	2.99%	6.05%	-	73.88%	100.00%
9	Atom-%	1.80%	3.70%	-	-	7.90%	2.10%	5.60%	-	2.50%	76.40%	100.00%
	Weight-%	2.01%	4.06%	-	-	8.03%	4.02%	3.01%	-	5.92%	72.96%	100.00%
10	Atom-%	-	-	5.50%	-	7.50%	2.00%	6.20%	-	-	78.80%	100.00%
	Weight-%	-	-	5.96%	-	7.96%	4.00%	3.49%	-	-	78.60%	100.00%
11	Atom-%	-	3.50%	-	-	7.60%	1.70%	5.30%	-	-	81.90%	100.00%
	Weight-%	-	4.00%	-	-	8.06%	3.39%	2.98%	-	-	81.57%	100.00%
12	Atom-%	-	2.80%	-	-	-	4.80%	-	-	1.70%	85.30%	100.00%
	Weight-%	-	3.02%	-	-	-	10.19%	2.55%	-	3.97%	80.27%	100.00%
13	Atom-%	1.80%	3.60%	-	-	2.00%	3.10%	5.60%	3.30%	-	80.60%	100.00%
	Weight-%	2.01%	3.95%	-	-	2.03%	5.94%	3.02%	6.01%	-	77.04%	100.00%
14	Atom-%	-	-	-	2.00%	7.60%	3.10%	5.50%	-	-	81.80%	100.00%
	Weight-%	-	-	-	2.42%	7.96%	6.11%	3.05%	-	-	80.45%	100.00%

Table Alloy	Fe	Mn	Cr	Co	V	Mo	Al	Zr	Sn	Ti	Sum
2	1 Atom-% Weight-%	- 3.60% - 4.06%	-	-	- 7.70% - 8.05%	3.10% 6.11%	5.40% 2.99%	-	-	- 80.20% - 78.79%	100.00% 100.00%
	2 Atom-% Weight-%	- 3.60% - 3.99%	-	-	- 7.80% - 8.01%	3.10% 6.00%	5.50% 2.99%	2.10% 3.86%	-	- 77.90% - 75.16%	100.00% 100.00%
	3 Atom-% Weight-%	-	- 4.70% - 5.03%	-	- 7.60% - 7.96%	3.00% 5.92%	5.40% 3.00%	-	-	- 79.30% - 78.09%	100.00% 100.00%
	4 Atom-% Weight-%	-	- 5.50% - 5.94%	-	- 7.60% - 8.04%	2.00% 3.98%	5.40% 3.03%	-	-	- 78.50% - 79.01%	100.00% 100.00%
	5 Atom-% Weight-%	- 3.50% - 3.98%	-	-	- 7.60% - 8.02%	3.00% 5.96%	7.20% 4.02%	-	-	- 78.70% - 78.02%	100.00% 100.00%
	6 Atom-% Weight-%	- 4.50% - 5.03%	-	-	- 7.70% - 7.98%	1.50% 2.93%	5.40% 2.95%	-	- 1.60% - 3.86%	- 79.30% - 77.25%	100.00% 100.00%
	7 Atom-% Weight-%	2.70% 3.13%	-	-	- 7.60% - 8.04%	2.00% 3.99%	5.50% 3.08%	-	-	- 82.20% - 81.75%	100.00% 100.00%

Table Alloy	Fe	Mn	Cr	Co	V	Mo	Al	Zr	Sn	Ti	Sum
3	1 Atom-% Weight-%	- 3.60% - 4.06%	-	-	- 7.70% - 8.05%	3.10% 6.11%	5.40% 2.99%	-	-	- 80.20% - 78.79%	100.00% 100.00%
	2 Atom-% Weight-%	- 3.60% - 3.99%	-	-	- 7.80% - 8.01%	3.10% 6.00%	5.50% 2.99%	2.10% 3.86%	-	- 77.90% - 75.16%	100.00% 100.00%
	3 Atom-% Weight-%	-	- 4.70% - 5.03%	-	- 7.60% - 7.96%	3.00% 5.92%	5.40% 3.00%	-	-	- 79.30% - 78.09%	100.00% 100.00%
	4 Atom-% Weight-%	-	- 5.50% - 5.94%	-	- 7.60% - 8.04%	2.00% 3.98%	5.40% 3.03%	-	-	- 79.50% - 79.01%	100.00% 100.00%
	5 Atom-% Weight-%	- 3.50% - 3.98%	-	-	- 7.60% - 8.02%	3.00% 5.96%	7.20% 4.02%	-	-	- 78.70% - 78.02%	100.00% 100.00%
	6 Atom-% Weight-%	- 3.50% - 3.98%	-	-	- 7.60% - 8.02%	3.00% 5.96%	7.20% 4.02%	-	-	- 78.70% - 78.02%	100.00% 100.00%
	7 Atom-% Weight-%	- 4.50% - 5.03%	-	-	- 7.70% - 7.98%	1.50% 2.93%	5.40% 2.95%	-	- 1.60% - 3.86%	- 79.30% - 77.25%	100.00% 100.00%